

## Multiplying decimals by 10, 100 and 1,000

Complete the multiplications.



1

Н	Т	0	Tths	Hths
	1	3	0	6

What do you notice when you multiply a number by 10?





Complete the multiplications.



Complete the multiplications.

What do you notice when you multiply a number by 100?





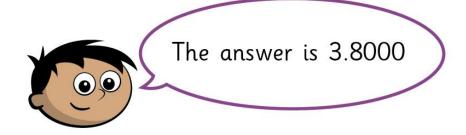
4

Complete the calculations.





## Amir has multiplied 3.8 by 1,000



a) What mistake has Amir made?

**b)** Work out the correct answer.



6 Complete the multiplications.

How did you work out the answers? Talk to a partner.





7 Complete the calculations.

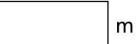


8 Tommy is 1.4 m tall.

A tree is 10 times as tall as Tommy.

A building is 100 times as tall as Tommy.

a) How tall is the tree?



**b)** How much taller is the building than the tree?

m





## Match the multiplications to the descriptions.



$$\times$$
 10  $\times$  10  $\times$  10

$$\times 100 \times 10$$

$$\times$$
 10  $\times$  100

$$\times$$
 10  $\times$  1

multiply by 10

multiply by 100

multiply by 1,000